

FIG. 1MTBN1

MTAEPEVRTLREVVLDDQLGTAESRAYKMWLPPLTNPVPLNELIARDRRQPLRFALGIMDE
PRRHLQDVWGVDVSGAGGNIGIGGAPQTGKSTLLQTMVMSAAATHSPRNVQFYCIDLGCG
GLIYLENLPHVGGVANRSEPDKNRVVAEMQAVMRQRETTFKEHRVGSIGMYRQLRDDPS
QPVASDPYGDVFLIIDGWPGFVGEFPDLEGQVQDLAAQGLAFGVHVIISTPRWTELKSRV
RDYLGTKIEFRLGDVNETQIDRITREIPANRPGRAVSMKHHLMIGVPRFDGVHSADNLV
EAITAGVTQIASQHTAQAPPVRVLPERIHLHELDPNPPGPESDYRTRWEIPIGLRETDLT
PAHCHMHTNPHLLIFGAASKGKTTIAHAIAAICARNSPQQVRFMLADYRSGLLDAVPDT
HLLGAGAINRNSASLDEAVQALAVNLKKRLPPTDLTTAQLRSRSWWSGFDVLLVDDWHM
IVGAAGGMPMPMAPLAPLLPAAADIGLHIIVTCQMSQAYKATMDKFGVGAAGSGAPTMTFLS
GEKQEFPSSEFKVKRRPPGQAFVSPDGKEVIQAPYIEPPEEVFAAPPSAG*

MTBN2

MEKMSHDPAAADIGTQVSDNALHGVTAGSTALTSVTGLVPAGADEVSAQAATAFTSEGIQ
LLASNASAQDQLHRAGEAVQDVARTYSQIDDGAAAGVFAE*

MTBN3

MLWHAMPPELNTARLMAGAGPAPMLAAAAGWQTLAALDAQAVELTARLNSLGEAWTGGG
SDKALAAATPMVVWLQTAQTAKTRAMQATAQAAAQYQAMATTPSLPEIAANHITQAVLT
ATNFFGINTIPIALTEMDYFIRMWNQAALAMEVYQAEAVNTLFEKLEPMASILDPGASQ
STTNPIFGMPSPGSSTPVGQLPPAATQTLGQLGEMSGPMQQLTQPLQQVTSLSFQVGGTG
GGNPADEEAAQMGLLGTSPLSNHPLAGGSGPSAGAGLLRAESLPGAGGSLTRTPLMSQLI
EKPVAPSVMPAAAAGSSATGGAAPVGAGAMGGAQSGGSTRPGLVAPAPLAQEREDEDED
DWDEEDDW*

MTBN4

MAEMKTDAAATLAQEAGNFERISGDLKTQIDQVESTAGSLQGQWRGAAGTAAQAAVVRFQE
AANKQKQELDEISTNIRQAGVQYSRADEEQQALSSQMGE*

MTBN5

MAADYDKLFRPHEGMEAPDDMAAQPFDPSPASFPPAPASANLPKPNGQTPPPTSDDLSE
FVSAPPPPPPPPPPPPPPTPMPIAAGEPPSPEPAASKPPTPPMPIAGPEPAPPKPPTPPMP
IAGPEPAPPKPPTPPMPIAGPAPTPTESQLAPPRPPTPQTPTGAPQQPESPAPHVPSHGP
HQPRRTAPAPPWAKMPIGEPPPAPSRPSASPAEPPTRPAPQHSRRARRGHRYRTDTERNV
GKVATGPSIQARLRAEEASGAQLAPGTEPSAPPLGQPRSYLAPPTRPAPTEPPSPSPQR
NSGRRARERRVHPDLAAQHAAAQPDSTITAATTGRRRKRAAPDLDATQKSLRPAAKGPKVK
KVKPKPKKATKPPKVVSQGRWHVHALTRINLGLSPDEKYELDLHARVRRNPRGSYQIA
VVGLKGGAGKTTTLTAALGSTLAQVRADRI LALDADPGAGNLADRVGRQSGATIADVLAEK
ELSHYNDIRAHTSVNAVNLVLPAPPEYSSAQRA LSDADWHFIADPASRFYNLVLADCGAG
FFDPLTRGVLSTVSGVVVASVSIDGAQQASVALDWLRNNGYQDLASRACVVINHIMPGE
PNVAVKDLVRHFEQQVQPGRVVMPWDRHIAAGTEISLDLLDPIYKRKVLELAAALSDDF
ERAGRR*

FIG. 1 (continued)MTBN6

LSAPAVAAGPTAAGATAARPATTRVTILTGRRTDLDVLPAAVPMETYIDDTVAVLSEVLE
DTPADVLGGFDFTAQGVWAFARPGSPPLKLDQSLDDAGVVDGSLTLVSVSRTERYRPLV
EDVIDAIAVLDESPEFDRTALNRFVGAAIPLLTAPVIGMAMRAWWETGRSLWWPLAIGIL
GIAVLVGSFVANRFYQSGHLAECLLVTTYLLIATAAALAVPLPRGVNSLGAPQVAGAATA
VLFLTLMTTRGGPRKRHELASFVITAIAVIAAAAAFGYGYQDWVPAGGIAFGLFIVTNA
KLTVAVARIALPPIPVPGETVDNEELDPVATPEATSEETPTWQAIIASVPASAVRLTER
SKLAKQLLIGYVTSGLTILAAAGIAVVVRGHFFVHSLVAVGLITTVCGFRSRLYAERWCA
WALLAATVAIPTGLTAKLIWYPHYAWLLLSVYLTVLVALVVVGSMAHVRRVSPVVKRT
LELIDGAMIAAII PMLLWITGVYDTRNIRF*

MTBN7

MAEPLAVDPTGLSAAAAKLGLVFPQPPAPIAVSGTDSVVAAINETMPSIESLVSDGLPG
VKAALTRTASNMNAAADVAKTDQSLGTSLSQYAFGSSGEGLAGVASVGGQPSQATQLLS
TPVSQVTTQLGETAAELAPRVVATVPQLVQLAPHAVQMSQNASPIAQTISQTAQQAAQSA
QGGSGPMPAQLASAEKPATEQAEPVHEVTNDDQGDQGDVQPAEVVAAARDEGAGASPGQQ
PGGGVPAQAMDTGAGARPAASELAAPVDPSTPAPSTTTTL*

MTBN8

MSITRPTGSYARQMLDPGGWVEADEDTFYDRAQEYSQVLQRVTDVLDTCRQOKGHVFEGG
LWSGGAANAANGALGANINQLMTLQDYLATVITWHRHIAGLIEQAKSDIGNNVGDAQREI
DILENDPSLDADERHTAINSLVTATHGANVSLVAETAERVLESKNWKPKNALEDLLQOK
SPPPPDVPTLVVPSPGTPTGTPITPGTPTITPGTPTITPIPGAPVTPITPTPGTPTVTPVT
PGKPVTPVTPVKPGTPTGPTPTITPVTPPVAPATPATPATPVTPAPAPHPQPAPAPAPSPG
PQPVTPATPGPSGPATPGTPTGGEPAHPVKPAALAEQPGVPGQHAGGGTQSGPAHADESAA
SVTPAAAASGVPGARAAAAAPSGTAVGAGARSSVGTAAASGAGSHAATGRAPVATSDKAAA
PSTRAASARTAPPARPPSTDHIDKPDRSESADDGTPVSMIPVSAARAARDAATAAASARQ
RGRGDALRLARRIAAALNASDNNAGDYGFFWITAVTTDGSIVVANSYGLAYIPDGMELPN
KVYLASADHAI PVDEIARCATYPVLAVQAWAAFHDMTLRAVIGTAEQLASSDPGVAKIVL
EPDDIPESGKMTGRSRLEVVDPSAAAQLADTTDQRLDLLPPAPVDVNPPGDERHMLWFE
LMKPMTSTATGREAAHLRAFRAYAHSQEIALHQAHTATDAAVQRVAVADWLYWQYVTGL
LDRALAAAC*

FIG. 2

mtbn1

1	atgactgctg	aaccggaagt	acggacgctg	cgcgagggtg	tgctggacca
51	gctcggcact	gctgaatcgc	gtgcgtacaa	gatgtggctg	ccgccgttga
101	ccaatccggt	cccgtcaac	gagctcatcg	cccgtgatcg	gcgacaaccc
151	ctgcgatttg	ccctggggat	catggatgaa	ccgcgccgcc	atctacagga
201	tgtgtggggc	gtagacgttt	ccggggccgg	cggcaacatc	ggtattgggg
251	gcgcacctca	aaccgggaag	tcgacgctac	tcgacacgat	ggtgatgtcg
301	gccgccgcca	cacactcacc	gcgcaacgtt	cagttctatt	gcacgcacct
351	aggtggcggc	gggctgatct	atctcgaaaa	ccttccacac	gtcgggtggg
401	tagccaatcg	gtccgagccc	gacaagggtca	accgggtggg	cgcagagatg
451	caagccgtca	tgccggcaacg	ggaaaccacc	ttcaagggaac	accgagtggg
501	ctcgatcggg	atgtaccggc	agctgcgtga	cgatccaagt	caaccctgtg
551	cgtccgatcc	atacggcgac	gtctttctga	tcacgcacgg	atggcccggg
601	tttgtcggcg	agttccccga	ccttgagggg	caggttcaag	atctggccgc
651	ccaggggctg	gcgttcggcg	tccacgtcat	catctccacg	ccacgctgga
701	cagagctgaa	gtcgcgtggt	cgcgactacc	tcggcaccaa	gatcgagttc
751	cggcttggtg	acgtcaatga	aaccagatc	gaccggatta	cccgcgagat
801	cccggcgaat	cgtccgggtc	gggcagtgtc	gatggaaaag	caccatctga
851	tgatcggcgt	gcccagggtc	gacggcgtgc	acagcgccga	taacctggtg
901	gaggcgatca	ccgcgggggt	gacgcagatc	gcttcccagc	acaccgaaca
951	ggcacctccg	gtgcgggtcc	tgccggagcg	tatccacctg	cacgaactcg
1001	acccgaaccc	gccgggacca	gagtcgcact	accgcactcg	ctgggagatt
1051	ccgatcgggt	tgccgcgagac	ggacctgacg	ccggctcact	gccacatgca
1101	cacgaacccg	cacctactga	tcttcggtgc	ggccaaatcg	ggcaagacga
1151	ccattgccca	cgcgatcgcg	cgcgccattt	gtgcccga	cagtcgccag
1201	caggtgcggt	tcatgtctcg	ggactaccgc	tcgggcctgc	tggacgcggt
1251	gccggacacc	catctgctgg	gcgcggcgcg	gatcaaccgc	aacagcgcg
1301	cgctagacga	ggccgttcaa	gcactggcgg	tcaacctgaa	gaagcggttg
1351	ccgccgaccg	acctgacgac	ggcgcagcta	cgctcgcggt	cgtggtggag
1401	cggatttgac	gtcgtgcttc	tggtcgacga	ttggcacatg	atcgtgggtg
1451	ccgccggggg	gatgccgcgc	atggcaccgc	tgcccccgtt	attgccggcg
1501	gcggcagata	tcgggttgca	catcattgtc	acctgtcaga	tgagccaggc
1551	ttacaaggca	accatggaca	agttcgtcgg	cgccgcattc	gggtcggggc
1601	ctccgacaat	gttcctttcg	ggcgagaagc	aggaattccc	atccagtgag
1651	ttcaagggtca	agcggcgccc	ccctggccag	gcattttctcg	tctcgccaga
1701	cggcaaagag	gtcatccagg	ccccctacat	cgagcctcca	gaagaagtgt
1751	tcgcagcacc	cccaagcgcc	ggttaa		

mtbn2

1	atggaaaaaa	tgtcacatga	tccgatcgct	gccgacattg	gcacgcaagt
51	gagcgacaac	gctctgcacg	gcgtgacggc	cggctcgacg	gcgctgacgt
101	cggtgaccgg	gctggttccc	gcgggggccc	atgaggcttc	cgcccaagcg
151	gcgacggcgt	tcacatcgga	gggcatccaa	ttgctggctt	ccaatgcac
201	ggcccaagac	cagctccacc	gtgcgggcga	agcgggtccg	gacgtcgccc
251	gcacctattc	gcaaatcgac	gacggcgccc	ccggcgctct	cgcctaata

mtbn3

1	atgctgtggc	acgcaatgcc	accggagcta	aataccgcac	ggctgatggc
51	cggcgcgggg	ccggctccaa	tgcttgccgc	ggccgcggga	tggcagacgc
101	tttcggcggc	tctggacgct	caggccgtcg	agttgaccgc	gcgcctgaac

FIG. 2 (continued)

```

151  tctctgggag aagcctggac tggaggtggc agcgacaagg cgcttgcggc
201  tgcaacgccg atggtggtct ggctacaaac cgcgtcaaca caggccaaga
251  cccgtgcatg gcaggcgacg gcgcaagccg cggcatacac ccaggccatg
301  gccacgacgc cgtcgctgcc ggagatcgcc gccaaaccaca tcaccaggc
351  cgtccttacg gccaccaact tcttcggtat caacacgacg ccgatcgctg
401  tgaccgagat ggattatttc atccgtatgt ggaaccaggc agccctggca
451  atggaggtct accaggccga gaccgcggtt aacacgcttt tcgagaagct
501  cgagccgatg gcgtcgatcc ttgatcccgg cgcgagccag agcacgacga
551  acccgatctt cggaatgccc tcccctggca gctcaacacc ggttggccag
601  ttgccgccgg cggctaccca gaccctcggc caactgggtg agatgagcgg
651  cccgatgcag cagctgaccc agccgctgca gcaggtgacg tcgttggttca
701  gccaggtggg cggcaccggc ggcggaacc cagccgacga ggaagccgcg
751  cagatgggcc tgctcggcac cagtcgctg tcgaaccatc cgctggctgg
801  tggatcaggg cccagcgccg gcgcgggcct gctgcgcgcg gactcgctac
851  ctggcgcagg tgggtcggtg acccgcacgc cgctgatgtc tcagctgatc
901  gaaaagccgg ttgccccctc ggtgatgccg gcggctgctg ccggatcgtc
951  ggcagcgggt ggcgcgcctc cggtgggtgc gggagcgatg ggccagggtg
1001 cgcaatccgg cggctccacc aggcgggtc tggtcgcgcc ggcaccgctc
1051 cgcgaggagc gtgaagaaga cgacgaggac gactgggacg aagaggacga
1101 ctggtga

```

mtbn4

```

1    atggcagaga tgaagaccga tgccgctacc ctgcgcgagg aggcaggtaa
51   tttcgagcgg atctccggcg acctgaaaac ccagatcgac caggtggagt
101  cgacggcagg ttcggtgcag ggccagtggc gcggcgccgg ggggacggcc
151  gcccaggccg cgggtggtgcg cttccaagaa gcagccaata agcagaagca
201  ggaactcgac gagatctcga cgaatattcg tcaggccggc gtccaatact
251  cgagggccga cgaggagcag cagcaggcgc tgtcctcgca aatgggcttc
301  tga

```

mtbn5

```

1    atggcggccg actacgacaa gctcttccgg ccgcacgaag gtatggaagc
51   tccggacgat atggcagcgc agccgttctt cgaccccagt gcttcgtttc
101  ccggcgccgc cgcacgggca aacctaccga agcccaacgg ccagactccg
151  cccccgacgt ccgacgacct gtcggagcgg ttcgtgtcgg ccccgccgcc
201  gccacccccca cccccacctc cgcctccgcc aactccgatg ccgatcgccg
251  caggagagcc gccctcgccg gaaccggccg catctaaacc acctacacct
301  cccatgcccc tcgcccggac cgaaccggcc ccacccaaac caccacaccc
351  ccccatgccc atcgccggac ccgaaccggc cccacccaaa ccaccacac
401  ctccgatgcc catcgccgga cctgcaccca cccaaccoga atcccagttg
451  gcgcccccca gaccaccgac accacaaacg ccaaccggag cgccgcagca
501  accggaatca ccggcgcccc acgtaccttc gcacgggcca catcaacccc
551  ggcgacccgc accagaccgc ccctgggcaa agatgccaat cggcgaaccc
601  ccgcccgcct cgtccagacc gtctgcgtcc ccggccgaac caccgaccgc
651  gcctgccccc caacactccc gacgtgcgcg ccgggggtcac cgctatcgca
701  cagacaccga acgaaacgtc gggaaggtag caactggtcc atccatccag
751  gcgcggtcgc gggcagagga agcatccggc gcgcagctcg ccccggaac
801  ggagccctcg ccagcgccgt tgggccaacc gagatcgat ctggctccgc
851  ccacccgccc cgcgccgaca gaacctcccc ccagcccctc gccgcagcgc
901  aactccggct ggcggtgccga gcgacgcgtc caccgatt tagccgcca

```

FIG. 2 (continued)

```

951  acatgccgcg ggcgaacctg attcaattac ggccgcaacc actggcggtc
1001 gtcgccgcaa gcgtagcgcg ccggatctcg acgcgacaca gaaatcctta
1051 aggcgcggcg ccaagggggc gaaggtgaag aaggtgaagc cccagaaacc
1101 gaaggccacg aagccgcccc aagtgggtgc gcagcgcggc tggcgacatt
1151 gggtagcatg gttgacgcga atcaacctgg gcctgtcacc cgacgagaag
1201 tacgagctgg acctgcacgc tcgagtcggc cgcaatcccc gcgggtcgta
1251 tcagatcgcc gtcgtcggtc tcaaagggtg ggctggcaaa accacgctga
1301 cagcagcggt ggggtcgacg ttggctcagg tgcggggccga ccggatcctg
1351 gctctagacg cggatccagg cgccggaaac ctgcgccgatc gggtagggcg
1401 acaatcgggc gcgaccatcg ctgatgtgct tgcagaaaaa gagctgtcgc
1451 actacaacga catccgcgca cacactagcg tcaatgcggt caatctggaa
1501 gtgctgccgg caccggaata cagctcggcg cagcgcgcgc tcagcgacgc
1551 cgactggcat ttcacgccc atcctgcgtc gaggttttac aacctcgtct
1601 tggctgattg tggggccggc ttcttcgacc cgctgacccg cggcgtgctg
1651 tccacggtgt ccggtgtcgt ggtcgtggca agtgtctcaa tcgacggcgc
1701 acaacaggcg tcggtcgcg tggactggtt gcgcaacaac ggttaccaag
1751 atttggcgag ccgcgcatgc gtggtcatca atcacatcat gccgggagaa
1801 cccaatgtcg cagttaaaga cctgggtcgg catttcgaac agcaagttca
1851 acccgccggg gtcgtgggtc tgccgtggga caggcacatt gcggccggaa
1901 ccgagatttc actcgacttg ctcgacccta tctacaagcg caaggtcctc
1951 gaattggccg cagcgctatc cgacgatttc gagagggtg gacgtcgttg
2001  a

```

mtbn6

```

1  ttgagcgcac ctgctgttgc tgctggctct accgcgcggg gggcaaccgc
51  tgcgcggcct gccaccaccc gggtagcgat cctgaccggc agacggatga
101  ccgatttggt actgccagcg gcggtgccga tggaaactta tattgacgac
151  accgtcgcgg tgctttccga ggtgttgga gacacgcggg ctgatgtact
201  cggcggtctc gactttaccg cgcaaggcgt gtgggcgttc gctcgtcccg
251  gatcgccgcc gctgaagctc gaccagtcac tcgatgacgc cgggggtggtc
301  gacgggtcac tgctgactct ggtgtcagtc agtcgcaccg agcgtaccg
351  accgttggtc gaggatgtca tcgacgcgat cgccgtgctt gacgagtcac
401  ctgagttcga ccgcacggca ttgaatcgct ttgtgggggc ggcgatcccg
451  cttttgaccg cgcccgtcat cgggatggcg atgcgggcgt ggtgggaaac
501  tgggcgtagc ttgtggtggc cgttggcgat tggcatcctg gggatcgtg
551  tgctggtagg cagcttcgtc gcgaacaggt tctaccagag cggccacctg
601  gccgagtgcc tactggtcac gacgtatctg ctgatcgcaa ccgccgcagc
651  gctggccgtg ccgttgccgc gcggggtcaa ctcgttgggg gcgccacaag
701  ttgccggcgc cgctacggcc gtgctgtttt tgaccttgat gacgcggggc
751  ggccctcgga agcgtcatga ttggcgctcg tttgccgtga tcaccgctat
801  cgcggtcatc gcggccgccc ctgccttcgg ctatggatac caggactggg
851  tccccgcggg ggggatcgca ttcgggctgt tcattgtgac gaatgcggcc
901  aagctgaccg tcgcggtcgc gcggatcgcg ctgccgccga ttccgggtacc
951  cggcgaaacc gtggacaacg aggagttgct cgatcccgtc gcgaccccgg
1001 aggctaccag cgaagaaacc ccgacctggc aggccatcat cgcgtcggtg
1051 cccgcgtccg cggtccggct caccgagcgc agcaaactgg ccaagcaact
1101 tctgatecga tacgtcacgt cgggcaccct gattctggct gccgggtgcca
1151 tcgcggtcgt ggtgcgcggg cacttctttg tacacagcct ggtggtcgcg
1201 ggtttgatca cgaccgtctg cggatttcgc tcgcggcttt acgccgagcg
1251 ctggtgtgcg tgggcgttgc tggcggcgac ggtcgcgatt ccgacgggtc
1301 tgacggccaa actcatcatc tggtaccgcg actatgcctg gctgttgttg

```

FIG. 2 (continued)

1351	agcgtctacc	tcacggtagc	cctgggttgcg	ctcgtggtgg	tcgggtcgat
1401	ggctcacgtc	cggcgcggtt	caccggtcgt	aaaacgaact	ctggaattga
1451	tcgacggcgc	catgatcgct	gccatcattc	ccatgctgct	gtggatcacc
1501	ggggtgtacg	acacgggtccg	caatatccgg	ttctga	

mtbn7

1	atggctgaac	cgttggccgt	cgatcccacc	ggcttgagcg	cagcggccgc
51	gaaattggcc	ggcctcggtt	ttccgcagcc	tccggcgccg	atcgcggtca
101	gcggaacgga	ttcgggtggt	gcagcaatca	acgagaccat	gccaaagcatc
151	gaatcgctgg	tcagtgcagg	gctgcccggc	gtgaaagccg	ccctgactcg
201	aacagcatcc	aacatgaacg	cggcgggcga	cgtctatgcg	aagaccgatc
251	agtcactggg	aaccagtttg	agccagtatg	cattcgggtc	gtcggggcga
301	ggcctgggtg	gcgtcgccct	ggtcgggtgg	cagccaagtc	aggctaccca
351	gctgctgagc	acacccgtgt	cacaggtcac	gacccagctc	ggcgagacgg
401	ccgctgagct	ggcaccocgt	gttggtgcga	cggtgccgca	actcgttcag
451	ctgggtccgc	acgcccgttc	gatgtcgcaa	aacgcattcc	ccatcgctca
501	gacgatcagt	caaaccgccc	aacaggccgc	ccagagcgcg	cagggcgggca
551	gcggcccaat	gcccgcacag	cttgccagcg	ctgaaaaacc	ggccaccgag
601	caagcggagc	cgggtccacga	agtgacaaac	gacgatcagg	gcgaccaggg
651	cgacgtgcag	ccggccgagg	tcgttgccgc	ggcacgtgac	gaaggcgccg
701	gcgcatcacc	gggcccagcag	cccggcgggg	gcgttcccgc	gcaagccatg
751	gataccggag	ccggtgcccc	cccagcgggc	agtcgctggt	cggcccccg
801	cgatccgctg	actccggcac	cctcaacaac	cacaacggtg	tag

mtbn8

1	atgagtatta	ccaggccgac	gggcagctat	gccagacaga	tgctggatcc
51	gggcggtggt	gtggaagccg	atgaagacac	tttctatgac	cgggcccagg
101	aatatagcca	ggttttgcaa	agggtcaccc	atgtattgga	cacctgccgc
151	cagcagaaag	gccacgtctt	cgaaggcggc	ctatggtccg	gcggcgccgc
201	caatgctgcc	aacggcgccc	tgggtgcaaa	catcaatcaa	ttgatgacgc
251	tgcaggatta	tctcgccacg	gtgattacct	ggcacaggca	tattgcccgg
301	ttgattgagc	aagctaaatc	cgatatcggc	aataatgtgg	atggcgctca
351	acgggagatc	gatatcctgg	agaatgaccc	tagcctggat	gctgatgagc
401	gccataccgc	catcaattca	ttggtcacgg	cgacgcattg	ggccaatgtc
451	agtctggtcg	ccgagaccgc	tgagcgggtg	ctggaatcca	agaattggaa
501	acctccgaag	aacgcactcg	aggatttgct	tcagcagaag	tcgccgccac
551	ccccagacgt	gcctaccctg	gtcgtgccat	ccccgggcac	accgggcaca
601	ccgggaaccc	cgatcacccc	gggaaccccg	atcaccccgc	gaaccccaat
651	cacacccatc	ccgggagcgc	cggtaaactc	gatcacacca	acgcccggca
701	ctcccgtcac	gccggtgacc	ccgggcaagc	cggtcacccc	ggtgaccccc
751	gtcaaaccgg	gcacaccagg	cgagccaacc	ccgatcacgc	cggtcacccc
801	cccggtcgcc	ccggccacac	cggcaacccc	ggccacgccc	gttacccccag
851	ctcccgtccc	acacccgcag	ccggctccgg	caccggcgcc	atcgccctggg
901	ccccagccgg	ttacaccggc	cactcccggg	ccgtctggtc	cagcaacacc
951	gggcacccca	gggggagcgc	cggcgccgca	cgtcaaacc	gcggcggttg
1001	cggagcaacc	tggtgtgccg	ggccagcatg	cgggcggggg	gacgcagtgc
1051	gggcctgccc	atgcggacga	atccgcgcgc	tcgggtgacgc	cggctgcggc
1101	gtccggtgtc	ccgggagcac	gggcggcggc	cgccgcgcgc	agcggataccg
1151	ccgtgggagc	gggcgcgcgt	tcgagcgtgg	gtacggccgc	ggcctcgggc
1201	gcgggggtcgc	atgctgcccac	tgggcggggc	ccggtgggta	cctcggaaca

FIG. 2 (continued)

1251 ggcggcgcca cccgagcacgc gggcggcctc ggcgcggacg gcacctcctg
1301 cccgcccgcc gtcgaccgat cacatcgaca aaccgatcg cagcgagtct
1351 gcagatgacg gtacgccggt gtcgatgac cgggtgtcgg cggctcgggc
1401 ggcacgcgac gccgccactg cagctgccag cggcgccag cgtggccgcg
1451 gtgatgcgct gcggttggcg cgacgcacgc cggcggcgct caacgcgtcc
1501 gacaacaacg cgggcgacta cgggttcttc tggatcaccg cggtgaccac
1551 cgacgggttcc atcgtcgtgg ccaacagcta tgggctggcc tacatacccg
1601 acgggatgga attgccgaat aaggtgtact tggccagcgc ggatcacgca
1651 atcccgggtg acgaaattgc acgctgtgcc acctaccggt ttttggccgt
1701 gcaagcctgg gcggctttcc acgacatgac gctgcgggcg gtgatcggta
1751 ccgcggagca gttggccagt tcggatcccg gtgtggccaa gattgtgctg
1801 gagccagatg acattccgga gagcggcaaa atgacgggccc ggtcgcggct
1851 ggaggtcgtc gacccctcgg cggcggtca gctggccgac actaccgatc
1901 agcgtttgct cgacttggtg ccgccggcgc cggtggtatg caatccaccg
1951 ggcgatgagc ggcacatgct gtggttcgag ctgatgaagc ccatgaccag
2001 caccgctacc ggccgcgagg ccgctcatct gcgggcgttc cgggcctacg
2051 ctgcccactc acaggagatt gccctgcacc aagcgcacac tgcgactgac
2101 gcggccggtcc agcgtgtggc cgtcgcggac tggctgtact ggcaatacgt
2151 caccggggtg ctcgaccggg ccctggccgc cgcattgctga

